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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/641,184	08/17/2000	Brian John Cragun	ROC920000064	5343

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EXAMINER
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QURESHI, SHABANA

ART UNIT	PAPER NUMBER
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2155

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DATE MAILED: 12/17/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/641,184

Applicant(s)

CRAGUN, BRIAN JOHN

Examiner

Shabana Qureshi

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 17 August 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-46 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-46 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 August 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. §§ 119 and 120**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_ 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-3, 7-16, 18-23, 25-26, 28-36, 38-40, and 44-46 are rejected under 35 U.S.C. 103(a) as being unpatentable over Himmel et al (6,212,522 B1) in view of Kim (US 6,546,002 B1).

Regarding claims 1, 10, 14, 16, 19, 20, 21, 25, 33, and 38, Himmel et al teach a method of generating a bookmark to resolve a desired resource, the method comprising the steps of:

- storing, as a first portion of the bookmark, a base network address indicative of the location of a first resource (column 1, lines 40-67; column 7, lines 23-29); and
- storing, in respective next portions of the bookmark, at least those user interactions necessary to resolve respective additional resources including a final resource comprising the desired resource (column 1, lines 40-67; column 7, lines 23-29).

As was well known to one of ordinary skill in the art at the time the invention was made, a bookmark contains a URL or network address, and a network address usually contains a compound address, that includes the base address, and subsequent navigations by the user separated by a slash. Himmel et al does not explicitly state that the URL includes the user interactions necessary to achieve the final destination. However, Kim teaches a controller 200 that is coupled to the input interface 110, which receives input commands via the input interface

(column 10, lines 1-19). A list of the user interactions are recorded by an event handler (column 12, lines 39-55). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Himmel et al by incorporating user interactions so that a user could access specific bookmarks (column 4, lines 5-10).

As per claims 2, 15, 18, 22, and 39, Himmel et al teach the method of claim 1, wherein the network addresses comprise uniform resource locators (URLs) (abstract; column 7, lines 23-29).

As per claim 3, 23, 26, 35, and 40, Himmel et al teach the method of claim 1, wherein the user interactions comprise at least one of resource selections, line data, pointing device selections and keyboard data (column 6, lines 30-40).

As per claims 7 and 44, Himmel et al teach the method of claim 1, further comprising the step of adapting parameters of a user profile in response to the user interactions (column 8, lines 39-59).

As per claims 8, 13 and 45, Himmel et al teach the method of claim 1, wherein each of the iteratively stored user interactions are stored in respective chain stack records, the book mark comprising a linked list of the chain stack records (column 1, line 35 – column 2, line 11).

As per claims 9, and 46, Himmel et al teach the method of claim 8, wherein the user may reset the list of chain stack records (column 8, lines 39-59).

As per claim 11, Himmel et al teach the method of claim 10, wherein the executed selections are formed by storing, for each resolved resource, user input resulting in the transmission of data to a server (column 1, lines 40-67; column 7, lines 23-29).

As per claim 12, Himmel et al teach the method of claim 10, wherein the executed selections are formed by storing, for each resolved resource are transmitted to an applet. However, Himmel et al in view of Kim do not teach that it is transmitted to an applet. However, it would have been obvious to one of ordinary skill in the art at the time the invention was made to transmit it to an applet so that it will be transparent to the user.

As per claim 28, 29, 32, 34, and 36, Himmel et al in view of Kim teach the URL of claim 25. Kim teaches an event list that is generated that contains content and type of navigation selection by the user (column 12, lines 39-65). Although Kim does not specify that there is a next record field, however, the nature of a list is that it is followed in a sequence, so the next field will naturally be the next navigation selection.

Claims 4-6, 17, 24, 27, 37, and 41-43 are rejected under 35 U.S.C. 103(a) as being unpatentable over Himmel et al (6,212,522 B1) in view of Kim (US 6,546,002 B1), further in view of De Greef et al (US 6,549,217 B1).

As per claims 4, 17, 37, and 41, Himmel in view of Kim teach the method of claims 4 and 41. However, Neither Himmel nor Kim teach that the bookmark includes a display window size identifier. However, De Greef et al teach that the bookmark includes a display window size identifier (column 2, lines 55-60; column 9, lines 30-45).

As per claim 5 and 42, Himmel in view of Kim teach the method of claims 4 and 41. However, Neither Himmel nor Kim teach that user interactions comprising pointing device selections have associated with them pixel positions within the display window. However, De Greef et al teach that user interactions comprising pointing device selections have associated

with them pixel positions within the display window (column 2, lines 55-60; column 9, lines 30-45).

As per claim 6, 24, 27, and 43, Himmel in view of Kim teach the method of claim 1. However, Neither Himmel nor Kim teach that user interactions comprising pointing device selections are defined in terms of pixel coordinates. However, De Greef et al teach that user interactions comprising pointing device selections are defined in terms of location (column 15, lines 25-65; column 9, lines 30-45).

### *Conclusion*


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shabana Qureshi whose telephone number is (703) 308-6118. The examiner can normally be reached on Monday - Friday, 8:30am to 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain T. Alam can be reached on (703) 308-6662. The fax phone number for the organization where this application or proceeding is assigned is (703) 746-7239.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Shabana Qureshi  
Examiner  
Art Unit 2155

SQ  
15 December 2003

  
**HOSAIN ALAM**  
**SUPERVISORY PATENT EXAMINER**